

KROTCOV, S. A., KOLPAKOV, A. S.

KROTCOV, S. A., KOLPAKOV, A. S.

Buildings prefabricated

Large panel construction of industrial enterprises. Stroi. prom. 30,  
No. 3, March 1952.

9. Monthly List of Russian Accessions, Library of Congress, August 1952 ~~1953~~, Uncl.

BARDOVSKIY, V.Ya.; KOLPAKOV, A.V.

Use of the induced activity method to define ore zones in holes  
in a fluorite deposit. Vop.rud.geofiz. no.3:85-86 '61.

(MIRA 15:8)

(Radioactive prospecting)

(Fluorite)

L 09459-67 EWT(1)/EWP(t)/ETI IJP(c) JD  
ACC NR: AP6024664 SOURCE CODE: UR/0070/66/011/004/0511/0519

AUTHOR: Kuz'min, R. N.; Kolpakov, A. V.; Zhdanov, G. S.

ORIG: Moscow State University im. M. V. Lomonosov (Moskovskiy gosudarstvennyy universitet)

TITLE: Scattering of Mossbauer radiation by crystals

SOURCE: Kristallografiya, v. 11, no. 4, 1966, 511-519

TOPIC TAGS: Mossbauer effect, gamma scattering, atomic structure, crystal structure analysis

ABSTRACT: The authors present a theoretical analysis of the application of the Mossbauer effect, and especially resonant scattering of quanta by nuclei of atoms in a crystal, to the investigation of the atomic structure of crystals. The theory of the method is reviewed and it is shown how measurement of a sufficiently large number of reflections makes it possible to establish the crystallographic planes which contain Mossbauer atoms. The experimental data which can serve as a basis of structural analysis by the Mossbauer-atom method are reviewed. It is shown that the Mossbauer method combines the advantages of other structure-analysis methods and in addition has a greater flexibility. It also permits an analysis of complicated

UDC: 548.7

Card 1/2

L 09459-67  
ACC NR: AP6024664

biological crystalline objects. Although there are still many experimental difficulties, it is concluded that there are grounds for assuming Mossbauer scattering and diffraction to take their place among other diffraction methods of structural analysis. Orig. art. has: 4 figures and 18 formulas.

SUB CODE: 20/ SUBM DATE: 14Sep65/ ORIG REF: 001/ OTH REF: 015

Card 2/2 LC

SHUGAL, Ye.G.; RYABOV, O.M.; BOCHAROVA, T.V.; KISLYAK, L.M.; KOBEL'KOVA,  
A.M.; LYKOV, A.D.; MANYAKHINA, O.V.; SHLENOVA, T.G.; YAGUPOVA,  
Ye.I.; IVANOV, N.A.; RYBKIN, I.P.; KHOKHLOVA, P.Ye.; KHEZJTYAYKVA,  
A.S.; FROLOVA, M.I.; RAKOV, F.M., red.; MARCHENKO, V.A., red.;  
KOLPAKOV, B.T., red.; DEMINA, V.N., red.; MELENT'YEV, A.M., tekhn.  
red.

[Soviet commerce of the R.S.F.S.R.; a statistical manual] Sovet-  
skaia trgovlia v RSFSR; statisticheskii sbornik. Moskva, Gos.  
stat. izd-vo, 1956. 342 p. (MIRA 11:10)

1. Russia (1917- R.S.F.S.R.) Tsentral'noye statisticheskoye  
upravleniye.

(Commercial statistics)

KOLPAKOV, B.T.

PHASE I BOOK EXPLOITATION

751

RSFSR Tsentral'noye statisticheskoye upravleniye

RSFSR na 40 let; statisticheskii sbornik (The RSFSR During Forty Years; Statistical Data) Moscow, Izd-vo "Sovetskaya Rossiya", 1958. 222 p. 25,000 copies printed.

Gen. Ed.: Kolpakov, B.T., Ed.: Korobov, P.I.; Tech. Ed.: Yusfina, N.L.; Chief, Central Statistical Administration of the RSFSR.

PURPOSE: This book is designed for the non-specialist reader interested in statistical data on the Russian Soviet Federated Socialist Republic (RSFSR).

COVERAGE: The present statistical abstract was prepared by members of the Central Statistical Administration of the RSFSR under the direction of its head, B.T. Kolpakov. Its purpose is to show in a popularized presentation the Republic's achievements during the years of the Soviet Administration. Comparisons are made between data obtained for 1913 (on the basis of the then existing boundaries) and data based on the RSFSR's present boundaries, which now include Tannu-Tuva,

~~Card 1/15~~

The RSFSR During Forty Years; Statistical Data

751

the Kaliningradskaya oblast', and Southern Sakhalin. The period covered is from 1913 to 1956 and figures for 1956 are given mostly in percentages of the 1913 data. In addition to data on various items for the Republic as a whole, the abstract provides similar information for each one of the autonomous soviet socialist republics within the RSFSR. Most of the tables are accompanied by commentary of an explanatory nature which point out and emphasize the achievements made. The book is accompanied by 16 illustrated supplements showing by bar graphs the production and development of various parts of the economy in 1913, 1928, 1940, 1945, and 1956.

TABLE OF CONTENTS:

Foreword	3
RSFSR in the Brotherly Family of Nations of the USSR	5
Territory of the RSFSR	7
Population of the RSFSR	7

~~Card 2/15~~

AUTHOR: Kolpakov, B.<sup>T</sup>, Chief of the RSFSR TsSU SOV/2-58-11-2/18

TITLE: The All-Union Census Must Be Carried Out in an Exemplary Manner (Obraztsovo provesti Vsesoyuznuyu perepis' naseleniya)

PERIODICAL: Vestnik statistiki, 1958, Nr 11, pp 10-17 (USSR)

ABSTRACT: The forthcoming All-Union census in January 1959 is supposed to show the enormous economic and cultural changes, which have taken place within the Soviet Union during the past twenty years. The outcome of the census will provide the Communist Party with the necessary data for calculating the control figures of Soviet economic development during the next 7-Year Plan, which will cover a period from 1959 to 1965. The author mentions the utmost importance of the preparatory work (the division of the country into census districts, census test-taking, the selection and training of efficient census taking personnel and general information for the masses about the importance and significance of the forthcoming census) and expresses his hope that certain

Card 1/2

SOV/2-58-11-2/18

The All-Union Census Must Be Carried Out in an Exemplary Manner

deficiencies will be eliminated in due time.  
There is 1 table.

ASSOCIATION: TsSU RSFSR (The RSFSR Central Administration of Statistics)

Card 2/2

UVAROV, V.S., otv. za vypusk; KOLPAKOV, B.T., otshchiy red.; DEMINA, V.N., red.; MELENT'YEV, A.M., tekhn. red.

[National economy of the R.S.F.S.R. in 1958; statistical yearbook] Narodnoe khoziaistvo RSFSR v 1958 godu; statisticheskii ezhegodnik. Moskva, Gos.stat.izd-vo, 1959. 507 p. (MIRA 12:9)

1. Russia (1923- U.S.S.R.) Tsentral'noye statisticheskoye upravleniye. 2. Nachal'nik Tsentral'nogo statisticheskogo upravleniya pri Sovete Ministrov RSFSR (for Kolpakov). (Russia--Economic conditions--Yearbooks)



KOLPAKOV, B.T., red.; DEMINA, V.N., red.; PYATAKOVA, M.D., tekhn.red.

[The R.S.F.S.R. in 1959; concise statistical reference book]  
RSFSR v 1959 godu; kratkii statisticheskii spravochnik. Moskva,  
Gosstatizdat TsSU SSSR, 1960. 222 p. (MIRA 13:8)

1. Russia (1917- R.S.F.S.R.) Tsentral'noye statisticheskoye  
upravleniye. 2. Nachal'nik Tsentral'nogo statisticheskogo  
upravleniya RSFSR (for Kolpakov).  
(Russia--Statistics)

KOLPAKOV, B.T., red.; DEMINA, V.N., red.; CHUPROVA, Yu.S., red.;  
PYATAKOVA, H.D., tekhn.red.

[National economy of the R.S.F.S.R. in 1959; statistical  
yearbook] Narodnoe khoziaistvo RSFSR v 1959 godu; statisti-  
cheskii ezhegodnik. Moskva, Gosstatizdat TsSU SSSR, 1960.  
599 p. (MIRA 14:2)

1. Russia (1923- U.S.S.R.) TSentral'noye statisticheskoye  
upravleniye. 2. Nachal'nik TSentral'nogo statisticheskogo  
upravleniya.

(Russia--Economic conditions)

~~KOLPAKOV~~, B.T., red.; DEMINA, V.N., red. izd-va; CHUPROVA, Yu.S., red. izd-va; KAPRALOVA, A.A., tekhn. red.

[National economy of the R.S.F.S.R. in 1960; statistical year-book] Narodnoe khoziaistvo RSFSR v 1960 godu; statisticheskii ezhegodnik. Moskva, Gosstatizdat TsSU SSSR, 1961. 571 p.  
(MIRA 14:9)

1. Nachal'nik Tsentral'nogo statisticheskogo upravleniya pri Sovete Ministrov RSFSR (for Kolpakov).  
(Russia--Statistics)

KLYUCHEROV, A.P.; KONDRAT'YEV, S.N.; Primali uchastiye: GUSAROV, F.V.;  
UDOVENKO, V.G.; PETROV, G.A.; BURKSER, V.Ye.; SHMONIN, I.A.;  
KUDRIN, Ye.A.; GALAKHMATOV, S.H.; ZIMINA, L.P.; SHISHARIN, B.N.;  
KONDYURINA, R.V.; BURMISTROV, K.A.; SHIRVIN, I.A.; SIMONENKO, F.N.;  
GORSHILOV, Yu.V.; KOLPAKOV, B.V.; GUSAROV, A.K.; BOLOTOV, P.G.

Heat insulation of open-hearth furnace crowns. Metallurg 5 no.11:  
14-17 N '60. (MIRA 13:10)

1. Nizhe-Tagil'skiy metallurgicheskiy kombinat.  
(Open-hearth furnaces--Design and construction)  
(Insulation (Heat))

KOMKOV, A.I.; BELOPOL'SKIY, M.P.; CHERNORUK, S.G.; KOLPAKOV, D.A.

Hydrothermal synthesis and X-ray study of  $\text{TRNbTiO}_6$  type compounds.  
Dokl. AN SSSR 147 no.3:667-688 N '62, (MIRA 15:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskii institut.  
Predstavleno akademikom N.V. Belovym.  
(Rare earth titanium oxide) (X-ray crystallography)  
(Niobium compounds)

KOMKOV, A.I.; BELOPOL'SKIY, M.P.; CHERNORUK, S.G.; KOLPAKOV, D.A.

Artificial priority. Zap. Vses.min.ob-va 93 no. 2:205-207  
'64. (MIRA 17:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy  
institut (VSEGEI).

KRECHETOV, M.F.; KOLPAKOV, D.F., glavnyy vrach.

Treating osteoarticular tuberculosis with antibiotics. Probl.tub. no.3:  
89-90 My-Je '53. (MLBA 6:7)

1. Gorodskoy detskiy kostnotuberkulzenyy sanatoriy No.7 "Serebryanyy Bor".  
(Bones--Tuberculosis) (Joints--Tuberculosis) (Antibiotics)

KOLPAKOV, D.I.; MATVEYEV, V.V.

New method for measuring the groove radius of ball bearing  
rings. Izv. tekhn. no.3:16-17 Mr '64 (MIRA 17:8)



KOLPAKOV, D.I.; MATVEYEV, V.V.

Effect of errors in the shape of a surface on the precision  
in measuring the radius of an arc profile. Izv.tekh. no.3:  
10-11 Mr '63. (MIRA 16:4)  
(Curves on surfaces—Measurement)

KOIPAKOV, D.

34061. Voprosy organizatsii i oplaty truda v kolkhozakh. (Obzorliteratury, vypushch. obl. izd-vami). Voprosy ekonomiki, 1949, No. 10, s. 94-102

SO: Knizhuaya, Letopis', Vol. 7, 1955

KOLPAKOV, D.S.

3503. KOLPAKOV, D.S. O. Sochetaniil Obshchestvennykh i Interesov v Kolkhozakh.  
m. Goskul'tprosvetizdat, 1954. 4 s 22sm (B-Chka<V Pomoshch Lektory>). 36,000  
ekz. ir.— (54-57390) P 338.lik.

SO: Knizhnaya Letopis', Vol. 3, 1955

KOLPAKOV, Dmitrii Sergeyevich

[Sources for an increase in labor productivity on collective farms]  
Istochniki rosta proizvoditel'nosti truda v kolkhozakh. [Moskva]  
Moskovskii rabochii, 1956. 91 p. (MLRA 9:12)  
(Collective farms)

KOLPAKOV, D.

KOLPAKOV, D.

Theoretical problems in connection with the method of  
calculating labor productivity on collective farms. Vop.ekon.  
no.5:76-86 Ky '57. (MLRA 10:7)  
(Labor productivity) (Agriculture--Economic aspects)

KOLPAKOV, F.I.

Thermoregulatory reflex in psoriasis. Vest.derm. i ven. 31 no.2:  
8-14 Mr-Apr '57. (MIRA 12:12)

1. Iz Novosibirskogo gorodskogo kozhno-venerologicheskogo dispansera  
(nauchnyye rukovoditeli - chlen-korrespondent AMN SSSR prof. P.V.  
Koshevnikov i kand.biol.nauk A.V. Loginov).

(PSORIASIS, physiol.

thermoregulatory reflex)

(REFLEX, in various dis.

thermoregulatory reflex in psoriasis)

EXCERPTA MEDICA Sec 17 Vol 5/2 Public Health Feb 59

618. THE SIGNIFICANCE OF MEDICAL EXAMINATION ROOMS IN DETECTING GONORRHOEA AMONG WOMEN (Russian text) - Kolpakov F. I. and Savinykh N. M. - VESTN. VENER. DERM. 1957, 31/6 (47-50)

2200 women out of the contingents of medical examination rooms and 500 patients seeking medical advice on the grounds of inflammatory affections were subjected to examination in a search for effective methods of detecting gonorrhoea. Gonorrhoea was revealed in 66 cases, comprising 3% to the total number examined; 30 patients out of 66 considered themselves as healthy, two had had gonorrhoea in the past; 22 had suffered from inflammation of the uterine appendages and had been under gynaecological surveillance for a long time; 14 (26%) patients were affected with asymptomatic gonorrhoea, the remaining 40 (74%) with chronic gonorrhoea. Effective application of clinical and laboratory techniques in medical examination rooms will increase the detection of gonorrhoea by 3-4 times. Bacterioscopic examination of women in prophylactic inspections proved effective. (XIII, 17)

*Novosibirsk State Skin-venereological dispensary*

KOLPAKOV, F.I.

Some data on dispensary services for syphilis patients in  
Novosibirsk [with summary in English]. Vest.derm. i ven. 32  
no.1:57-60 Ja-V '58. (MIRA 11:4)

1. Iz Novosibirskogo gorodskogo kozhno-venerologicheskogo dispansera.  
(SYPHILIS, ther.  
outpatient ther. (Rus)



KOLPAKOV, F.I.

Problem of dispensary treatment of patients with occupational diseases of the skin. Zdrav. Ros. Feder. 3 no.3:25-30 Mr '59. (MIRA 12:4)

1. Iz Novosibirskogo gorodskogo kozhno-venerologicheskogo dispansera (glavnyy vrach F. I. Kolpakov) i kafedry kozhnykh i venericheskikh bolezney (Zav. - prof. A. K. Yakubson) Novosibirskogo meditsinskogo instituta.

(SKIN--DISEASES)

KOLPAKOV, F.I.; SAVINYKH, N.M.

Experience in active detection of gonorrhea in women. Vest.derm.i  
ven. 33 no.4:60-64 J1-Ag '59. (MIRA 12:11)

1. Iz Novosibirskogo gorodskogo kozhno-venerologicheskogo dispansera  
(glavnyy vrach F.I. Kolpakov) i kafedry kozhnykh i venericheskikh  
bolezney (zav. - prof. A.K. Yakubson) Novosibirskogo meditsinskogo  
instituta.

(GONORRHEA, diagnosis)

KOLPAKOV, F.I.

Dispensary care for patients with occupational skin diseases.

Zdrav. Ros. Feder. 4 no.1:18-22 Ja '60.

(MIRA 13:5)

1. Iz Novosibirskogo gorodskogo kozhno-venerologicheskogo dispensera.

(SKIN--DISEASES)

KOLPAKOV, F.I.

Reflex vascular reactions of the skin in patients with occupational dermatoses and typical eczemas. Vest.derm. i ven. 34 no.2:34-39 (MIRA 13:12) F '60.

1. Iz Novosibirskogo gorodakogo kozhno-venerologicheskogo dispansera.  
(OCCUPATIONAL DERMATITIS physiol.)  
(ECZEMA physiol.)  
(SKIN blood supply)  
(VASOMOTOR SYSTEM physiol.)

KOLPAKOV, F.I.

Skin diseases in certain industrial plants in Omsk. Vest.derm.  
1 ven. 35 no.3:51-54 Mr '61. (MIRA 14:4)

1. Iz kafedry kozhnykh i venericheskikh bolezney (zav. - prof.  
G.G. Kondrat'yev) Omskogo gosudarstvennogo meditsinskogo insti-  
tuta imeni M.I. Kalinina (dir. - prof. I.S. Novitskiy)  
(OMSK--SKIN--DISEASES)

KOLPAKOV, F.I., dotsent

Occupational dermatoses caused by chromium and a histo-  
chemical method for determining its permeation through  
the skin. Vest.derm. i ven. no.9:49-54'62 (MIRA 16:7)

1. Iz kafedry kozhnykh i venericheskikh bolezney (zav. -dok-  
tor med. nauk B.A.Teokharov) Omskogo meditsinskogo instituta  
imeni M.I.Kalinina.  
(CHROMIUM—PHYSIOLOGICAL EFFECT) (OCCUPATIONAL DISEASES)  
(SKIN—DISEASES)

KOLPAKOV, F.I. (Omsk)

Skin permeability for nickel compounds. Arkh. Pat. 25  
no.6:38-45 '63. (MIRA 17:1)

1. Iz kafedry kozhnykh i venericheskikh bolezney (zav. -  
doktor med. nauk B.A. Teokharov) Omskogo meditsinskogo  
instituta.

KOLPAKOV, F.I.

Histochemical method of determination of nickel in body tissues  
and the toxicity of its transdermal introduction. Farm. i toks.  
27 no.3:367-369 My-Je '64. (MIRA 18:4)

1. Kafedra kozhnykh i venericheskikh bolezney (zav. - prof. B.A.  
Teokharov) Omskogo meditsinskogo instituta.



KOLPAKOV, F.I., dotsent

Role of protective external preparations in preventing the penetration of chromium and nickel through the skin. Vest. dermat. i ven. 38 no.9:8-13 S '64. (NIRA 18:4)

1. Kafedra kozhnykh i venericheskikh bolezney (zav. - prof. B.A.Teokharov) Omskogo meditsinskogo instituta.

VAS. L'YEV, F.; GORS'KOV, N., narodnyy sud'ya (g.Suzdal', Vladimirskoy oblasti); KOLPAKOV, G. (s.Staraya Mayna, Ul'yankovskoy oblasti); FEDOSEENKO, A. (g.Minsk)

Readers ask questions, tell their experiences and make suggestions.  
Mest. prom. i khud. promysl 2 no.6:25 Je '61. (MIRA 14:7)

1. Starshiy mekhanik fabriki No.59, g. Moskva (for Vasil'yev).  
(Manufactures)

KOLPAKOV, G.A.

KOLPAKOV, G.A.; BIRMAN, A.S.

Bilateral ectopic pregnancy. Akush. i gin. 32 no.6:74-75 N-D '56.  
(MIRA 10:11)

1. Iz khirurgicheskogo otdeleniya (nach. - zasluzhennyy vrach RSFSR  
kandidat meditsinskikh nauk G.A.Kolpakov) zhelezno-dorozhnoy  
bol'nitsy Barnaula.  
(PREGNANCY, EXTRAUTERINE)

KOLPAKOV, G.A., kand.med.nauk, zaslyzhenyy vrach RSFSR., GAYENKO, G.P.,  
Kand.biolog.nauk

A case of echinococcosis of the spine. Ortop.travm. i protez.  
19 no.4:63-64 JI-Ag '58 (MIRA 11:11)

1. Iz khirurgicheskogo otdeleniya (nach - G.A. Kolkpakov)  
zheleznodorozhnoy bol'nitsy g. Banaula i kafedry biologii  
(zav. - G.P. Gayenko) Altayskogo meditsinskogo instituta.

(SPINE, dis.

achinococcosis (Rus))

(ECHINOCOCCOSIS, case reports  
spine (Rus))

KOLPAKOV, Grigoriy Matveyevich, inzh.; GOLOVKO, N.V., inzh.,  
retsenzent; NASONKIN, A.P., inzh., retsenzent;

[Electrical equipment of plants of the coke by-product  
industry] Elektrooborudovanie koksokhimicheskikh zavodov.  
Kiev, Tekhnika, 1965. 305 p. (MIRA 18:6)

KOLPAKOV, G. V.

Technology

(Problems of radiant heating). Moskva. Gos. izd. arkhitektury i gradostroitel' stva, 1951.

9. Monthly List of Russian Accessions, Library of Congress, November 1951, Uncl.

2.

KOLPAKOV, G.V.

KOLPAKOV, G.V., kandidat tekhnicheskikh nauk.

Principles of ventilating schoolrooms. Gor.khoz.Mosk. 25 no.6:25-26  
Je '51. (MIRA 10:9)

(Schoolhouses--Heating and ventilation)

KOLPAKOV, G. V.

*Card Tech Sci*

B. T. R.  
V. 3 No. 3  
Mar. 1954  
Space Heating  
And Conditioning

4186\* Dynamic Heating and Air Conditioning, (Russian.)  
G. V. Kolpakov. Nauka i Zhizn, v. 20, no. 9, Sept. 1953, p.  
24-25.

Proposes a system using a heat pump, compressors, condensers,  
and heat exchangers. Diagrams.

8-*SP*



KOLPAKOV, G.V.

Testing radiant cooling of rooms in southern regions. Vol. 1 san.  
tekh. no.10:31-34 '59. (MIRA 13:1)  
(Dwellings--Air conditioning)

KOLPAKOV, G.V.; KOTETISHVILI, G.A.

Pump-operated heat-supply system at the TSkhaltubo health resort. Vod.i san.tekh. no.8:6-8 Ag '60.

(MIRA 13:7)

(TSkhaltubo--Health resorts, watering places, etc.--Heating and ventilation)

KOLPAKOV, G.V.

Natural heat. Priroda 49 no. 12:23-25 D '60.

(MIRA 13:12)

1. Institut gradostroitel'stva, Moskva.  
(Earth temperature) (Springs)

KOLPAKOV, G.V., kand. tekhn. nauk; VORONINA, T.V., red. izd-va;  
NAUMOVA, G.D., tekhn. red.

[Improving the microclimate during severe summer heat]Uluch-  
shenie mikroklimata v usloviakh letnego peregreva. Moskva,  
Gos. izd-vo lit-ry po stroit., arkhitekt. i stroit. materialam,  
1962. 50 p. (MIRA 15:5)  
(City planning) (Air conditioning)

KOLPAKOV, G.V., kand.tekhn.nauk:

Utilization of hot-spring water as a source of heat in cities,  
health resorts, and industrial enterprises of Krasnodar Territory,  
Issl.po mikroklm.nasek.mest i zdan.i po stroi.fiz. no.1:71-86  
'62. (MIRA 15:9)

(Krasnodar Territory--Springs) (Heating)

BERLINER, Yu.I.; KOLPAKOV, G.V.

Developing a plan for the integrated mechanization of production in  
the manufacture of petroleum apparatus. Mash. 1 nef. obor. no.12:16-  
19 '64. (MIRA 18:1)

1. Vsesoyuznyy proyektno-tekhnologicheskii institut Khimnefteapparaty.

KOLPAKOV, G.V., kand. tekhn. nauk

Geothermal energy and methods for using it. Vod. i san. tekhn.  
no.3:35-37 '64 (MIRA 18:2)

Kolpakov, I.A.

AUTHORS: Kolpakov, I.A., Smyslov, V.I., Yudayev, B.N. 3-6-15/29  
 TITLE: On the One-Year Post Graduate Course (O godichnoy aspiranture)  
 PERIODICAL: Vestnik Vysshey Shkoly, 1957, # 6, pp 66 - 67 (USSR)

ABSTRACT: The article expresses dissatisfaction with the lack of students at the postgraduate instructors' course. Instructors of higher educational institutions, who have sufficient experience in their chosen specialties, have shown capability for scientific-research work and have passed the minimum of examinations for a candidate's degree in their practical work, may take this course. This type of scientific worker generally can finish the research and successfully defend his dissertation in a single year.

The higher educational institutions of the USSR Ministry of Higher Education, which have 25,000 scientific-pedagogical workers not holding a scientific degree, have sent only 240 persons to this post-graduate course. The Vuzes of the Ukrainian SSR Ministry of Higher Education employing more than 5,000 instructors without a degree have sent only 24 persons to the course. Participation of the Vuzes of Siberia, the Far East, Central Asia is also very poor. The Omsk Machine Building-, the Tomsk Construction-Engineering- and the Novosibirsk

Card 1/2

On the **APPROVED FOR RELEASE: 06/13/2000**

**CIA-RDP86-00513R000824010004-2**

Electrical-Engineering Institutes (Omskiy mashinostroitel'nyy, Tomskiy inzhenerno-stroitel'nyy-, Novosibirsk elektrotekhnicheskii institut) did not send a single instructor in 1956, although many of their workers hold no degree. The Ministry's plan for 1957, provides for 2,000 participants in the 3-year course and 400 in the one-year course. The latter number could be doubled if the Vuzes were more active.

ASSOCIATION: Personnel Administration, USSR Ministry of Higher Education (Upravleniye Kadrov Ministerstva Vysshego obrazovaniya SSSR)

AVAILABLE: Library of Congress

Card 2/2



24.6830

AUTHOR:

Kolpakov, I.F.

TITLE:

A digital comparison circuit and binary reversible counter using semiconductor triodes

PERIODICAL: Priory i tekhnika eksperimenta, no.6, 1961, 61-64

TEXT: A binary reversible counter and a digital comparison circuit are described. They are built up of logical circuit elements of the pulse-potential type. The circuit elements have all been described previously. The binary reversible counter has five stages and can receive pulses at frequencies up to 250 kc/s. The digital comparison circuit distinguishes the greatest of a series of numbers that are admitted to its input circuit and records this greatest number. The numbers are fed into the input circuit in succession in the form of a series of pulses. The circuit contains two registers X and Y, each of four binary stages. A comparison cycle consists of the following stages. Register X records initially a number remaining from a previous comparison cycle. Register Y is set to zero and the next number is recorded on it. Then a trigger pulse causes the

Card 1/2

KOLPAKOV, I.F.

Multichannel nanosecond scheme of coincidences and anticoincidences on semiconductor elements. Prib. i tekhn. eksp. 9  
no.5:99-102 S-O '64. (MIRA 17:12)

1. Ob"yedinennyy institut yadernykh issledovaniy.

ACC NR: AP6034229

SOURCE CODE: UR/0120/66/000/005/0127/0131

AUTHOR: Kolpakov, I. F.

ORG: Joint Nuclear Research Institute, Dubna (Ob'yedinennyy institut yadernykh issledovaniy)

TITLE: A semiconductor integral amplitude discriminator of nanosecond pulses

SOURCE: Priory i tekhnika eksperimenta, no. 5, 1966, 127-131

TOPIC TAGS: pulse amplitude, electric vibrator, nanosecond pulse

ABSTRACT: An integral amplitude discriminator of nsec pulses is described which is designed for use in experiments with fast scintillation counters. Tunnel diodes of the 3I301G type are used for pulse discrimination and shaping. A tunnel diode is also used in the univibrator as the threshold element. The discriminated input pulse amplitudes range from 0.25 to 12 V. When the pulse amplitude is increased beyond the established level, its dependence on the discrimination threshold becomes non-linear. Because of this fact and to eliminate repeated triggering of the discriminator in the presence of strong input signals, a limitation is set on large pulse amplitudes. The threshold characteristics of the discriminator were measured with 10-nsec pulses from a mercury generator. The integral nonlinearity of the threshold did not exceed 0.9% at temperatures ranging from + 20 to + 60 C. In this case, the thermal

Card 1/2

UDC: 621.374

ACC NR: AP6034229

coefficient of the threshold voltage was 3.4 mV/deg. The discriminator circuit, whose dead time was below 40 nsec, has two outputs. With a 100-ohm load at the first output the pulse amplitude was 6 V, polarity was negative, and duration at half-height was 10 nsec; at the second output the pulse amplitude was 3 V, polarity positive, and duration at half-height 8 nsec. The discriminator, which requires a maximum power supply of 3.8 W, was successfully used in experiments with the sychro-cyclotron of the Joint Nuclear Research Institute (Ob'yedinennyy institut yadernykh issledovaniy). In conclusion, the author takes this opportunity to express his gratitude to B. S. Krasnoborodov for assembly, adjustment, and assistance in evaluating the characteristics, and to A. V. Kuptsov for assistance in the measurement. Orig. art. has: 4 figures.

SUB CODE: 09/ SUBM DATE: 12Oct65/ OTH REF: 001

Card 2/2

KOLPAKOV, I.F.; SARANTSEVA, V.R., tekhn. red.

[Transistorized decade scaler with a resolving time of  $10^{-7}$  sec.] Dekadnyi pereschetnyi pribor s razreshaiushchim vremenem  $10^{-7}$  sek na poluprovodnikovyykh tridakh. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 15 p.

(MIRA 15:3)

(Counting devices)

KOLPAKOV, I.G.

Efficiency of turbines of turbodrills as related to their  
construction. Izv. vys. ucheb. zav.; neft' i gaz 2 no.4:99-104  
'59. (MIRA 12:10)

1.Ufimskiy neftyanoy institut.  
(Turbodrills)

L 26919-65 EWO(j)/EWT(m)/EPT(c)/EPT(h)-2/SPR/EWP(j)/T/EWA(h)/EWA(l) Po-4/  
Pr-4/Ps-4/Pu-4/Peb RPL GG/RM/WW/DN

ACCESSION NR: AP5004004

S/0089/65/018/001/0048/0052

AUTHORS: Makhlis, F. A.; Kolpakov, I. M.

TOPIC: Determination of the neutron and gamma irradiation doses absorbed by polymer materials

SOURCE: Atomnaya energiya, v. 18, no. 1, 1964, 48-52

KEY TAGS: neutron irradiation, gamma irradiation, radiation dose, absorbed dose, polymer

A procedure and results are presented for the calculation of the dose absorbed by some neutron- and gamma-irradiated polymers, the elementary composition of the material and the radiation energy. The dose absorbed in a unit volume filled with one material is calculated for the elements most frequently encountered in radiochemistry in biology, and also for substances like polyethylene, various types of rubber, teflon, and other common polymers. Tables

Card

1/3

L 26919-65

ACCESSION NR: AP5004004

presented for the thermal- and fast-neutron doses absorbed by these substances, normalized to a unit neutron flux. It is assumed that a neutron passing through a polymer experiences only one collision. The gamma radiation for any one element can be calculated by multiplying the value determined for another element by the ratio of the mass coefficients of true absorption of the two materials. In the case of thermal-neutron irradiation the dose is calculated from a formula that takes into account the cross sections for the different reactions occurring with thermal and fast neutrons. For most polymers the absorbed fast-neutron dose is much larger than the corresponding quantity for thermal neutrons, with the exception of polymers containing a large amount of fluorine. The authors thank M. N. Smagin for a valuable discussion of the work. Orig. art. has: 6 formulas and 3 tables.

ASSOCIATION: None

Cord

2/3



SESSION NR: AP5004004

09Jan64

ENCL: 00

SUP CODE: NP 00

GOV: 006

OTHER: 003

Card

3/3

KOLPAKOV, I. P.

Ural Inst Ferrous Metallurgy  
Magnitogorsk Metallurgical Combine

Metal Deformation Stress Conditions and Strip Rolling Fac-

tors. M. A. Konyakova, I. P. Kolpakov, V. A. Kuznetsov, G. G. Kuznetsov, M. P.

Kozlov, I. P. Kozlov, and B. I. Kozlov. (Moscow, 1957, 11).

59 63. (In Russian). In: *Investigations in which roll pressure, strip tension, power*

*consumption for each stand, and rolling speed of the stand*

*after each stand were determined simultaneously.*

*was the continuous steel mill rolling mill.*

*and with the use of the following data:*

*1. The data on the rolling mill.*

*2. The data on the rolling mill.*

*3. The data on the rolling mill.*

*4. The data on the rolling mill.*

*5. The data on the rolling mill.*

*6. The data on the rolling mill.*

*7. The data on the rolling mill.*

*8. The data on the rolling mill.*

*9. The data on the rolling mill.*

*10. The data on the rolling mill.*

*11. The data on the rolling mill.*

*12. The data on the rolling mill.*

*13. The data on the rolling mill.*

*14. The data on the rolling mill.*

*15. The data on the rolling mill.*

*16. The data on the rolling mill.*

*17. The data on the rolling mill.*

*18. The data on the rolling mill.*

*19. The data on the rolling mill.*

*20. The data on the rolling mill.*

*21. The data on the rolling mill.*

*22. The data on the rolling mill.*

*23. The data on the rolling mill.*

*24. The data on the rolling mill.*

*25. The data on the rolling mill.*

*26. The data on the rolling mill.*

*27. The data on the rolling mill.*

*28. The data on the rolling mill.*

*29. The data on the rolling mill.*

*30. The data on the rolling mill.*

*31. The data on the rolling mill.*

*32. The data on the rolling mill.*

*33. The data on the rolling mill.*

*34. The data on the rolling mill.*

*35. The data on the rolling mill.*

*36. The data on the rolling mill.*

*37. The data on the rolling mill.*

*38. The data on the rolling mill.*

*39. The data on the rolling mill.*

*40. The data on the rolling mill.*

*41. The data on the rolling mill.*

*42. The data on the rolling mill.*

*43. The data on the rolling mill.*

*44. The data on the rolling mill.*

*45. The data on the rolling mill.*

*46. The data on the rolling mill.*

*47. The data on the rolling mill.*

*48. The data on the rolling mill.*

*49. The data on the rolling mill.*

*50. The data on the rolling mill.*

137-58-6-12914

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 6, p 247 (USSR)

AUTHORS: Tsekhanskiy, M.I., Prostakov, M.Ye., Kolpakov, I.P.

TITLE: On the Reasons of Formation of "Bubble" Flaws on White Tin and Preventive Methods Therefor (O prichinakh vozniknoveniya poroka "puzyr'" na beloy zhesti i merakh bor'by s nim)

PERIODICAL: Byul. nauchno-tekhn. inform. Ural'skiy n.-i. in-t chernykh metalloŷ, 1957, Nr 3, pp 131-139

ABSTRACT: The causes of the fault are the following; sulfide and sulf-oxide impurities in the steel; insufficient and nonuniform heating of ingots in the absence of turning manipulation; H<sub>2</sub> diffusion into the defective areas of the metal during the pickling of the tin. In order to avoid the formation of "bubbles" and to improve the quality of the tin, the content of S in the finished steel should be  $\leq 0.03\%$ ; the loading of ingots into the heating kiln should be done at 700-800°C; the temperature of sulfuric-acid pickling solution during the rough pickling process should be  $\leq 65^{\circ}$ ; the activity of the addition agent should be  $\geq 85\%$ .

1. Steel--Coatings 2. Tin coatings--Properties 3. Steel--Pickling G.K.

Card 1/1

KOLPAKOV, I.P., kand. tekhn. nauk

Operational experience of the Rostov Oils and Fats Combine.  
Masl.-zhir.prom. 25 no.2:26-28 '59. (MIRA 12:2)  
(Rostov--Oil industries)

8(2)

SOV/32-25-4-42/71

AUTHORS: Yanus, R. I., Kubarev, V. V., Vdovin, Yu. A., Kolpakov, I. P.

TITLE: Automatic Apparatus for Sorting-out Plates of Electrotechnical Steel (Avtomaticheskiy apparat dlya rassortirovki listov elektro-tekhnicheskoy stali)

PERIODICAL: Zavodskaya Laboratoriya, 1959, Vol 25, Nr 4, pp 480-481 (USSR)

ABSTRACT: The comrades G. G. Lyustiberg, P. I. Suruda, and G. G. Anoshenkov also took part in this investigation. An automatic device (Fig 1) for sorting out electrotechnical steel plates (1500 x 750 mm) was developed on the basis of an improved scheme of the coercimeter according to R. I. Yanus et al (Ref 2). The plate to be controlled closes a magnetic circuit, is magnetized by a selenoid, and closes a circuit of a certain intensity in the demagnetizing winding. If the field in the latter is equal to the coercive force of the plate, this plate is demagnetized, but if the field is stronger or weaker, the plate remains magnetized or is overmagnetized in the opposite direction. The amount and the sign of the residual magnetization of the plate is determined by means of two MKV-2 rectifiers. A scheme of the whole device for steel-plate sorting (Fig 2) with a description

Card 1/2

SOV/32-25-4-42/71

Automatic Apparatus for Sorting-out Plates of Electrotechnical Steel

of the operation is given. The efficiency of a model on the scale of 1:3 is indicated with 420 plates an hour. In the Verkh-Isetskiy metallurgicheskiy zavod (Verkh-Isetskiy Metallurgical Works), an industrial plant for plate sorting of this kind is designed for three types of steel with a capacity of 80 tons a day. There are 2 figures and 2 Soviet references.

ASSOCIATION: Ural'skiy institut chernykh metallov i Institut fiziki metallov Ural'skogo filiala Akademii nauk SSSR (Ural Institute of Ferrous Metals, and Institute of Metal Physics of the Ural Branch of the Academy of Sciences USSR)

Card 2/2

KIRENKO, S.F., inzh.; LEDENEV, B.I., inzh.; KOLPAKOV, I.P., inzh.

Oils and fats industry of the Rostov Economic Council. Mash.-  
zhir. prom. 27 no.11:9-10 N '61. (MIRA 15:1)  
(Rostov Province--Oil industries)

KOLPAKOV, I.P., kand.tekhn.nauk

"Equipment for the manufacture of vegetable oils" by I. V.  
Gavrilenko. Reviewed by I.P.Kolpakov. Masl.-zhir.prom. 28  
no.4:45-46 Ap '62. (MIRA 15:5)  
(Oil industries--Equipment and supplies) (Gavrilenko, I.V.)



BUKHARIN, V.V., inzh.; KOLPAKOV, I.P., kand. tekhn. nauk; ZAREMBO, G.V.,  
kand. tekhn. nauk; VOL'PER, I.N., inzh.

Review of A.V. Titov's book "Over-all mechanization in oil  
mills." Masl.-zhir. prom. 29 no.8:37-42 Ag '63. (MIRA 16:10)

27

The adsorption of sunflower oil by the hulls. J. Kozakova. *Moskovsko-Zhirona Delo* 1933, No. 4, 11-22.

The anatomical structure of the sunflower-seed hulls is very favorable for adsorption phenomena. Expts. showed that 16.6-18.3% of oil can be adsorbed by the hulls.

Elias Bickous

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS										PROCESSES AND PROPERTIES INDEX									
<p>Effect of hydraulic pressure on the oil content of press cake. I. Kopylov and M. Pashmanik. <i>Mashinostroyeniye</i> No. 5, No. 5, 10-12(1953); <i>Chimie &amp; industrie</i> 31, 630. With compound presses, contrary to a fairly common belief, the pressure does not play the predominant role in the variation of the oil content of the press cake; the most important factor from this standpoint is the preliminary treatment of the pulp: temp., moisture content, etc. In order to ext. the max. of oil it is essential to liberate the oily droplets by breaking open the cells contg. them. Retention of oil in the cake is also a function of its adsorption by the several constituents of the cake.</p> <p>A. Papineau-Couture</p>										<p>37</p>									
<p>ASB 314 ORTHOSURGICAL LITERATURE CLASSIFICATION</p>										<p>100-1000</p>									

CA

27

PROCESSES AND PROPERTIES INDEX

The ash content of sunflower-seed oil cake. I. P. Kozpakov and M. L. Ginzburg. *Masloboino Zhirovo* *Dokl* 10, No. 1, 34-5 (1934); *Chimie & Industrie* 31, 1417. —The ash content of sunflower-seed oil cake is a variable characteristic that cannot be standardized once and for all for the whole industry. Standards must therefore be set each yr. and for each district according to the ash content found experimentally on the extd. seeds.

A. Papineau-Couture

ASH-11A METALLURGICAL LITERATURE CLASSIFICATION

CR

Change in the acidity and iodine number of sunflower seed oil on heating the pulp prior to extraction. I. Kolpakov, *Moskovo Zhirovo Delo* 10, No. 11, 33-4 (1934); *Chimie & industrie* 34, 641-2. When sunflower seed pulp is heated prior to extr. of the oil the chem. const. of the latter undergo the following changes: the acidity decreases, being 5.1-12.0 units lower on leaving the press than in the crude pulp; the I no. increases, being 7.7-10.4 units higher on leaving the press than in the crude pulp. A. Papineau-Couture

27

ASD-SEA METALLURGICAL LITERATURE CLASSIFICATION

STOW 5100210A

147280 1A

STATION

STATION ON ONE SET

27

CA

Improved extraction of oil from sunflower seeds.  
I. P. Kozpakov. *Mashobolno Zhirovoe Delo* 14, No. 4,  
3-4 (1958). The oil yield can be increased about 10%  
by reducing the content of hulls in the meal from 7-8%  
to 2-3% with the resulting increased nutritive value of  
the oil cake for animal feeding. Chas. Blanc

ASAC 31.4 DETAILING LITERATURE CLASSIFICATION

KOLPAKOV, I. P.

30363

Iz praktiki raboty so shnyekpnyessami tipa "FP" I "yeP". Pishch. Promst SSSR,  
Vyp. 13, 1949, S. 31-37.

SO: Letopis' No. 34

1. КОЛПАКОВ, Т.П.
2. USSR (600)
4. Sunflower Seed Oil
7. Reprocessing sunflower seeds by double pressing on screw presses. Masl.zhir.  
prom. 17, no. 2, 1952

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.



1. KOLPAKOV, I.P. Eng.
2. USSR (600)
4. Sunflower Seed Oil
7. Work of huller-separator shops. Masl.zhir.prom. 17, no. 4, 1952

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

1. MOROZOV, I.S.: KOLPAKOV, I.P., Eng.
2. USSR (600)
4. Oils and fats.
7. A.A. Lesyuys' book "Technology of fat extraction."  
Masl. zhir. prom. 17. no. 5. 1952.

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

KOLPAKOV, I.P., inzhener.

Processing unhulled and once-screened sunflower seeds. Meal.-zhir.  
prom. 17 no.11:23-24 N°52. (MLRA 10:9)

1. Rostovskiy na-Donu Masloshirkombinat.  
(Sunflower seed)

SEMENOV, V.D., inzhener.

On I.P. Kolpakov's book "Manual for operating EP and EP screw presses in processing sunflower seeds." Masl.-shir.prom. 18 no.5:28 My '53.

(MLBA 6:5)

(Kolpakov, I.P.) (Power presses)

SEMENENKO, A.N., inzhener.

Book which is not free of errors ("Manual for operating FP and EP screw presses in processing sunflower seeds." I.P. Kolpakov. Reviewed by A.N. Semenenko.) Masl.-zhir.prom. 18 no.5:29-30 My '53. (MLRA 6:5)  
(Kolpakov, I.P.) (Power presses)

KOLPAKOV, I. P.

"Study and Development of Methods for Improving the Refining of Sunflower Seeds."  
Cand Tech Sci, Krasnodar Inst of the Food Industry, Krasnodar, 1954. (RZhKhim,  
No 23, Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher  
Educational Institutions (12)  
SO: Sum. No. 556, 24 Jun 55

KOLPAKOV, I.P., kandidat tekhnicheskikh nauk.

"Extracting vegetable oils in double-acting screw presses."

I.V.Gavrilenko, V.F.Panfilov, I.E.Bezuglov, G.I.Kuzichev.

Reviewed by I.P.Kolpakov. Masl.-zhir.prom. 19 no.7:36-37 '54.

(MLRA 8:1)

(Power presses) (Oils and fats) (Gavrilenko, I.V.)

KOLPAKOV, I.P.

"Basis for the design of hulling and fanning equipment in the oil  
industry." I.V. Denin. Reviewed by I.P. Kolpakov. Masl.-shir.prom.  
21 no.3:39 '56. (MLRA 9:8)  
(Oil industries--Equipment and supplies)



KOLPAKOV, I., kand.tekhn.nauk

Causes of fires in oil mills. Pozh.delo 4 no.9:7-8 S '58.

(MIRA 11:9)

1.Glavnyy inzhener rostovskogo masloshirkombinata "Rabochiy."  
(Oil industries--Fires and fire prevention)

KOLPAKOV, I.P., kand. tekhn. nauk

~~Urgent problems.~~ Masl.-zhir. prom. 25 no. 6: 4-5 '59.

(Oil industries)

(MIRA 12:7)

KOLPAKOV, I.P., kand. tekhn. nauk; POPOV, G.A., inzh.

Sizing, cutting, and stamping machines. Masl.-shir. prom. 25 no.7:  
45-46 '59. (MIRA 12:12)  
(Soap industry--Equipment and supplies)

MARKMAN, A.L., doktor tekhn.nauk; KOLPAKOV, I.P., kand.tekhn.nauk

On [prof.] A.M. Goldovskii's book "Theoretical principles of the  
production of vegetable oils." Reviewed by A.L. Markman, I.P.  
Kolpakov. Masl.-shir.prom. 26 no.8:35-39 Ag '60.(MIRA 13:8)  
(Oils and fats) (Goldovskii, A.M.)

KOLPAKOV, I.P., kand.tekhn.nauk

Means for increasing the production of sunflower seeds in the  
Rostov Province. Masl.-zhir.prom. 27 no.1:1-4 Ja '61. (MIRA 14:1)

(Rostov Province—Sunflower seed)

KOLPAKOV, I.S.; GLIKI, N.V.

Morphology and genesis of urinary calculi based on data from  
polarization-optical studies of calcium oxalates. Urol. i nefr.  
no.2:3-10 '65. (MIRA 19:1)

1. Urologicheskaya klinika (zav. - prof.I.P.Pogorelko [deceased])  
TSentral'nogo instituta usovershenstvovaniya vrachey i laboratoriya  
elementarnykh protsessov rosta i morfologii kristallov (zav. -  
kand.fiz.-mat.nauk A.A.Chernov) Instituta kristallografii AN SSSR,  
Moskva.

The prophylactic action of the spleen and the mechanism of the therapeutic action of argemone according to studies of parabiosis. I. V. Kozlovsky. Trudy Khim.-Zoolog., 1937, 1, 304. Expts. on parabiosis. Study of the spleen in the infection of rats with *Moraxella muris*. The spleen was carried out on 2 equal animals by the method of skin-muscle anastomosis. Removal of the spleen of one animal does not result in the production of a tartarous spleen which exerts a protective action; however, after severing of the anastomosis an infection always resulted in the spleen-bearing animal. Expts. with mesenteric lymphatic and similar results; this indicates that the prophylactic and curative action of this prep. can be transferred from one animal to the other through the circulation.

M. G. Moore

**2025 RELEASE UNDER E.O. 14176**

KOLPAKOV, I. V.

"Concerning the Influence of Anaphylactic Shock on the Carbon Dioxide  
in the Blood," Trudy Astrakhan. Medits. Inst., Vol. 10, pp. 47-51, 1952



KOLPAKOV, I.V.

Provocative insemination as a method for controlling sterility  
in cows. Zhivotnovodstvo 23 no.3:51-52 Mr '61. (MIRA 17:1)

1. Donskoy zonal'nyy nauchno-issledovatel'skiy institut sel'skogo  
khozyaystva.

KONDAUROV, D.; KOLPAKOV, K.; SLYUSAREV, V.

Over-all mechanization of corn harvesting. Tekh.v sel'khoz. 19  
no.5:10-13 My '59. (MIRA 12:7)

1. Kubanskiy nauchno-issledovatel'skiy institut ispytaniy traktorov  
i sel'skokhozyaystvennykh mashin.  
(Corn(Maize)--Harvesting)

KOLPAKOV, L. G.

"An Investigation of Flow in the Turbines of Turbine Drills." Cand  
Tech Sci, Moscow Order of Labor Red Banner Petroleum Inst imeni I. M.  
Gubkin, 14 Dec 54. (VM, 3 Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR  
Higher Educational Institutions (12)  
SO: Sum. No. 556 24 Jun 55

SOV/124-57-7-7900

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 7, p 63 (USSR)

AUTHOR: Kolpakov, L. G.

TITLE: Evaluation of the Cascade Performance of a Turbodrill Turbine  
(Otsenka kachestva reshetok turbin turboburov)

PERIODICAL: Tr. Mosk. neft.in-t, 1956, Nr 16, pp 148-167

ABSTRACT: Results are given of the calculation of the total-pressure loss coefficient for a plane cascade of profiles of a stock-type turbine rotor wheel of a turbodrill and the corresponding loss in a theoretical cascade constructed for the same conditions. The velocity distribution in the potential flow of an incompressible liquid over the cascade profile was determined according to the method described in the paper by L. A. Dorfman [Teploperedacha i aerogidrodinamika (Heat Transfer and Aerohydrodynamics) TsKTI, 1952, Nr 22]. The coefficient of loss was determined by calculating the parameters of the trailing-edge boundary layer according to the method of L. G. Loytsyanskiy (Prikladnaya matem. i mekhanika, 1945, Vol 9, Nr 6). Some advantages of the theoretical cascade of profiles are shown. In contrast to the generally accepted evaluation the performance of the cascade in this

Card 1/2

SOV/124-57-7-7900

Evaluation of the Cascade Performance of a Turbodrill Turbine

paper is characterized by the product of the efficiency and the peripheral force while in the calculation of the efficiency the total-pressure losses are referred to the axial force. There is an erroneous statement concerning a presumed unavailability of reliable data for a valid choice of parameters of theoretical cascades (see, for example, RZhMekh, 1955, abstract 1782). Bibliography: 17 references.

V. L. Epshteyn

Card 2/2

ИТОЛПАКОВ, Л. Г.

KOLPAKOV, L.G.

Visual examination of the flow in the turbine of production model  
turbodrills. Neft. khoz. 35 no.8:27-29 Ag '57. (MIRA 10:11)  
(Turbodrills)

KOLPAKOV, L.G.

Calculating the stability of turbodrill shafts. Izv.vys.ucheb.  
zav.; neft' i gaz 1 no.11:105-110 '58. (MIRA 12:5)

1. Ufimskiy neftyanoy institut.  
(Turbodrills)

KOLPAKOV, L.G.; ROMANOV, V.P.

Determining the quality of turbodrill turbine grids. Izv. vys.  
ucheb. zav.; neft' i gaz 3 no.11:39-44 '60. (MIRA 14:1)

1. Ufimskiy neftyanoy institut.  
(Turbodrills)



EDIGAROV, S.G.; KOLPAKOV, L.G.; ROMANOV, V.P.; SHEVRUNOV, Ye.N.

Principal results of the industrial testing of the 12N10x4 centrifugal pump in Al'met'yevsk carried out by the Oil Field Administration of the Tatar Petroleum Trust. Trudy NIITransneft' no.1:110-118 '61. (MIRA 16:5)

(Centrifugal pumps--Testing)

KOLPAKOV, L.G.; SAFRONOV, V.Ya.; LOPATIN, G.K.; FEDOROV, T.A.; YERONEN, V.I.

Possibility of using glandless pumps for pipelines. Trudy NIITrans-  
neft' no.3:107-113 '64. (MIRA 18:2)

AMIROVA, S.A.; PECHKOVSKIY, V.V.; PROKHOROVA, V.G.; ~~KOLPAKOV, L.Ye.~~  
BAYDALIN, S.I.

Studying the oxidation of vanadium-bearing slag in industrial  
conditions. Izv. vyz. ucheb. zav.; tsvet. met. 5 no.6:93-97  
'62. (MIRA 16:6)

1. Permskiy politekhnicheskiy institut, kafedra tekhnologii  
neorganicheskikh veshchestv.  
(Vanadium-Metallurgy) (Slag)

BARMINA, N.; KOLPAKOV, M.

Overcoming obstacles. Fin.SSSR 20 no.9:74-77 8 '59.  
(MIRA 12:12)

(Pavlovskiy Posad--Textile industry--Finance)